## CONTRACT CHANGE ORDER MEMORANDUM

TO: Tony An	iano, Prog	ram Manager /			FILE:	E.A.	04 - 0120F4			
						CO-RTE-PM SF-80-13.2/13.9				
FROM: Darryl Schram, Senior TE						). NO.	,			
CCO#: <b>45</b>	SUPPL	EMENT#: 3	Category	y Code: CHSA	CONTINGENCY BALANCE (incl. this change) \$113,829,492.58					
COST: \$20,996.00 INCREASE ✓ DECREASE						HEADQUARTERS APPROVAL REQUIRED? ✓ YES ☐ NO				
SUPPLEMENTAL FUNDS PROVIDED: \$0.00						IS THIS REQUEST IN ACCORDANCE WITH   ✓ YES   NO ENVIRONMENTAL DOCUMENTS?				
CCO DESCRIPTION:						PROJECT DESCRIPTION:				
Add. Paint on Ductile Iron Pipe (Shop)						CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE				
Original Contract Time: Time Adj. This		Time Adj. This Ch	ange:	Previously Approved C Time Adjustments:	со		tage Time Adjusted: ng this change)	Total # of Unreconciled Deferred Time CCO(s): (including this change)		
2/100	Dav(s)	0	Dav(s)	<b>501</b> Da	ıv(s)		20 %	3		

DATE: 5/7/2012

Page 1 of 1

## THIS CHANGE ORDER PROVIDES FOR:

Applying two coats of 3 to 5 mil polysiloxane paint on the Ductile Iron Pipe (DIP) at ABC's paint shop.

The DIP and fittings for the 6" City and County of San Francisco (CCSF) Reclaimed Water, 10" CCSF Sewer Force Main, and 12" CCSF Water lines were painted per CCO 45S0. Approximately 70% of this DIP has been transported to the bridge and incorporated into the work. Caltrans' Material Engineering and Testing Services Branch (METS) inspected installed DIP and determined that the dry film thickness of the primer and paint, that was specified and applied, was insufficient to prevent corrosion. METS recommended that two additional coats of 3 to 5 mil polysiloxane paint be applied. This change order will provide for applying additional paint coat to the 30% of DIP that has not yet been incorporated into the work. The remaining 70% of DIP will be painted in a subsequent change order.

The cost of this supplemental change is \$20,996.00, which can be financed from the contingency fund. This will result in a cumulative amount of \$522,934.00 for CCO 45S0, 45S1, 45S2, and 45S3. A detailed cost estimate is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

CONCURRED BY:					ESTIMATE OF COST	
Construction Engineer:	William Casey, Sup TE	Date	4/6/12		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.I	Ξ. Date	4/6/12	ITEMS	\$0.00	\$0.00
	Of Oversight, Wenty Long, 1	Date		FORCE ACCOUNT	\$0.00	\$120,000.00
Project Engineer:	District Design, Jing Chen	Date	4/6/12	AGREED PRICE	\$20,996.00	\$144,004.00
Project Manager:		Date	×	ADJUSTMENT	\$0.00	\$258,930.00
FHWA Rep.:		Date	31	TOTAL	\$20,996.00	\$522,934.00
Environmental:		Date			FEDERAL PARTICIPATION	N
Other (specify):	HQ, Rich Foley	Date	4/9/12	<ul><li>□ PARTICIPATING</li><li>□ NON-PARTICIPATING</li></ul>	PARTICIPATING IN	PART NONE  NON-PARTICIPATING
Other (specify):	Struct. Maint, Lina Ellis	Date	4/9/12	FEDERAL SEGREGATION		ding Source or P.I.P. type)
District Prior Approval B	Date		CCO FUNDED PER	CO FUNDED AS FOLLOWS		
HQ (Issue Approve) By:	Date		FEDERAL FUNDING	PERCENT		
Resident Engineer's-Sign	nature: T. Schram B. Caceg.	6 Date 5/1/				